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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/779,633	02/18/2004	Hirofumi Kanai	04329.3243	9081

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FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER
LLP
901 NEW YORK AVENUE, NW
WASHINGTON, DC 20001-4413

EXAMINER

PERUNGAVOOR, VENKATANARAY

ART UNIT	PAPER NUMBER
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2132

MAIL DATE	DELIVERY MODE
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10/05/2007

PAPER

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Office Action Summary

Application No.

10/779,633

Applicant(s)

KANAI, HIROFUMI

Examiner

Venkat Perungavoor

Art Unit

2132

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 18 February 2004.
- 2a) ☐ This action is FINAL. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-17 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-17 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 17 June 2004 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)
Paper No(s)/Mail Date <u>10/04, 10/05</u> | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-17 are rejected under 35 U.S.C. 103(a) as being unpatentable over US Patent 5948085 to Blatter in view of US Patent 4997288 to Rosenow.

Regarding Claim 1, 13, 17, Blatter discloses the information processing system comprising a potential detection section which detects a predetermined potential applied to a serial bus terminal see Abstract & Fig. 2 item 110; a power supply section(Fig. 1 item 5V) which supplies the predetermined potential to each component part as a source potential upon detection of the predetermined potential by the potential detection(Fig. 2 item 110) section see Col 2 Ln 2-10; an information detection section(U2) which detects the predetermined information supplied to the serial bus terminal(Fig. 1 STRB_OUT/DATA_IN) see Col 5 Ln 30-39. But does not disclose the processing section which executes, subsequent to the detection of the predetermined potential by the potential detection section, selected one of the encryption and decryption process in accordance with at least the operating information supplied from the operating key arranged on the body before the detection of the predetermined information. However, Rosenow discloses the processing section which executes, subsequent to the detection of the predetermined potential by the potential detection section(Fig. 1 item 106 & Fig. 2A item Control Software for Fault Tolerant Operation),

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selected one of the encryption and decryption devices that supplied power supply see Fig. 2C item 254C, 256C in accordance with at least the operating information supplied from the operating key arranged on the body before the detection of the predetermined information see Fig. 26 item 2602 & Fig. 42 item SKEY & Fig. 26 item 2602 and in accordance with the predetermined information supplied to the serial bus terminal after detection of the predetermined information by the information detection section see Fig. 7 item 710 & 708. It would be obvious to one having ordinary skill in the art at the time of the invention to the encryption/decryption devices in the invention of Blatter in order to protect the client from network risk as taught in Rosenow see Col 2 Ln 20-34.

Regarding Claim 2, 6, Blatter discloses the initially set in operation mode for executing the processing operation in accordance with operating information supplied from the operation key see Col 5 Ln 40-49.

Regarding Claim 3-5, Blatter discloses the potential being used to change into mode and the operation key being used to perform operation see Col 2 Ln 51-63 & Col 4 Ln 19-31.

Regarding Claim 7, 9-10, Blatter discloses the lapse in time for detection of potential and recording or reproducing operation see Col 4 Ln 45-59 & Col 5 Ln 7-13.

Regarding Claim 8, 14, Blatter does not disclose the encryption/decryption process. However, Rosenow discloses the encryption/decryption process see Fig. 2B.

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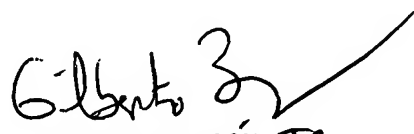
Regarding Claim 11-12, 15-16, Rosenow discloses the process being carried without regard to the information detection section see Fig. 2B.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Venkat Perungavoor whose telephone number is 571-272-7213. The examiner can normally be reached on 8:30-5:00. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Gilberto Barron can be reached on 571-272-3799. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/VP/
Venkat Perungavoor
Examiner
Art Unit 2132
September 19, 2007


GILBERTO BARRÓN JR
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2100